NTSB ID: DEN03LA019

Aircraft Registration Number: N5303Z

Occurrence Date: 11/30/2002

Most Critical Injury: Serious

Occurrence Type: Accident

Investigated By: NTSB

Location/Time

| Airport Proximity: Off Airport/Airstrip | Distance From | n Landing Facility: | 3 | Direction Fro | m Airport: 70 |
|---|---------------|---------------------|------------|---------------|---------------|
| Montrose | со | 81402 | 0730 | MST | |
| Nearest City/Place | State | Zip Code | Local Time | Time Zone | |

Aircraft Information Summary

| Aircraft Manufacturer | Model/Series | Type of Aircraft |
|-----------------------|--------------|------------------|
| Cameron Balloons | O-70 | Balloon |

Sightseeing Flight: Yes Air Medical Transport Flight: No

Narrative

Brief narrative statement of facts, conditions and circumstances pertinent to the accident/incident:

On November 30, 2002, at approximately 0730 mountain standard time, a Cameron Balloons (U.S.) 0-70 balloon, N5303Z, was not damaged during a high wind near Montrose, Colorado. The commercial pilot received minor injuries, and his two passengers received serious injuries when they fell from the basket. The aircraft was being operated by the pilot under Title 14 CFR Part 91. Visual meteorological conditions prevailed for the local flight that originated approximately 20 minutes before the accident.

The pilot said this was his second flight of the morning, and the wind was approximately 3 knots. He said that during the flight, the wind increased to approximately 10 knots. During a landing attempt in an open field, the pilot said the basket struck a fence, subsequently spilling the occupants onto the ground. The balloon flew for an additional 8 to 10 minutes before the balloon's basket caught on a second fence. The ground crew retrieved the balloon, which incurred no damage.

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| AVIATION OC | | | rrence Type | | | | | | | | | | |
|--|--------------------|--|--------------------------------|--------------------------------------|--------------|---------|-----------------------|-----------|---------|-----------|----------------|-------------------|--|
| Landing Facility/Approach In | formation | | | | | | | | | | | | |
| Airport Name | | | Airport ID: | Airport E | Elevation | Run | nway Used | Runwa | y Lengt | th | Runv | vay Width | |
| MONTROSE REGIONAL | | | MTJ | 575 | 9 Ft. MSL | _ | | | | | | | |
| Runway Surface Type: Unknown | | | | | | | | | | | | | |
| Runway Surface Condition: Unkno | own | | | | | | | | | | | | |
| Type Instrument Approach: Unknown | own | | | | | | | | | | | | |
| VFR Approach/Landing: Unknown | | | | | | | | | | | | | |
| Aircraft Information | | | | | | | | | | | | | |
| Aircraft Manufacturer Cameron Balloons | Model O-70 | l/Series) | | | | | Serial 6151 | Numbe | er | | | | |
| Airworthiness Certificate(s): Normal | | | | | | | | | | | | | |
| Landing Gear Type: | | | | | | | | | | | | | |
| Homebuilt Aircraft? No | | | | | | | | LBS Numbe | | | er of Engines: | | |
| Engine Type: | | Engine Manufacturer: Model/Series: Rat | | | | | | | Rate | ed Power: | | | |
| - Aircraft Inspection Information | | | | | | | | | | | | | |
| Type of Last Inspection | | | Date of Last Inspection Time S | | | Time Si | Since Last Inspection | | | | ne To | tal Time | |
| Annual | | | 07/2002 | 07/2002 | | | | 20 Hours | | | | 119 Hours | |
| - Emergency Locator Transmitter (| ELT) Information | | | | | | | | | | | | |
| ELT Installed? No | ELT Operate | ed? | | ELT Aided in Locating Accident Site? | | | | | | | | | |
| Owner/Operator Information | | | | | | | | | | | | | |
| Registered Aircraft Owner | | | Street Address P.O. Box 237 | | | | | | | | | | |
| Daniel L. Crouch | | | City Strasburg | | | | | | | | e | Zip Code 80136 | |
| | | | Street A | | burg | | | | | co | I | 00100 | |
| Operator of Aircraft | | | Same as Reg'd Aircraft Owner | | | | | | | | | | |
| Same as Reg'd Aircraft Owner | , | | City | | | | | | Stat | ie | Zip Code | | |
| Operator Does Business As: | | | | | | 0 | perator Desig | nator Co | ode: | | | | |
| - Type of U.S. Certificate(s) Held: N | None | | | | | | | | | | | | |
| Air Carrier Operating Certificate(s): | : | | | | | | | | | | | | |
| Operating Certificate: | | | | Opera | ator Certifi | icate: | | | | | | | |
| Regulation Flight Conducted Under | r: Part 91: Genera | اد Aviati | ion | | | | | | | | | | |
| Type of Flight Operation Conducted | d: Personal | | | | | | | | | | | | |
| | | FACTU | JAL REPO | ORT - AV | IATION | | | | | | | Page 2 | |

NTSB ID: DEN03LA019

Occurrence Date: 11/30/2002

| | AVIATI | QN | | Occurren | ce Type: Ac | cident | | | State Date of Birth Age On File On File 56 | | | | | | | | | | |
|--|--------------------------|--------------|------------------------|---------------------------|-------------------------|-------------|-----------------------------|----------------------------------|--|-----------|---------------|---------------------|--|--|--|--|--|--|--|
| First Pilot | Information | | | • | | | | • | | | | | | | | | | | |
| Name | | | | | | City | | | | State | Date of Birth | Age | | | | | | | |
| On File | | | | | | On File | 56 | | | | | | | | | | | | |
| Sex: M | Seat Occupied | : | Pri | ncipal Profes | sion: Unkno | wn | Certificate Number: On File | | | | | | | | | | | | |
| Certificate(| s): Com | nmercial | | | | | | | | | | | | | | | | | |
| Airplane Ra | Airplane Rating(s): None | | | | | | | | | | | | | | | | | | |
| Rotorcraft/Glider/LTA: Free Balloon | | | | | | | | | | | | | | | | | | | |
| Instrument Rating(s): None | | | | | | | | | | | | | | | | | | | |
| Instructor Rating(s): None | | | | | | | | | | | | | | | | | | | |
| Type Rating/Endorsement for Accident/Incident Aircraft? Yes Current Biennial Flight Review? 08/2002 | | | | | | | | | | | | | | | | | | | |
| Medical Ce | | | | Date of La | st Medical | Exam: | | | | | | | | | | | | | |
| <u>'</u> | | | | | | | | | | | | | | | | | | | |
| - Flight Tim | e Matrix | All A/C | This Make and Model | Airplane Single Engine | Airplane Mult-Engine | Night | Actua | Instrument Actual Simul | | Rotorcrat | t Glider | Lighter Than Air | | | | | | | |
| Total Time | | | | | | | | | | | | | | | | | | | |
| Pilot In Con | nmand(PIC) | | | | | ļ | | | | | | | | | | | | | |
| Instructor | | | | | | | | | | | | | | | | | | | |
| Last 90 Day | /S | | | | | | | | | | | | | | | | | | |
| Last 30 Day | | | | | | 1 | | | | | | | | | | | | | |
| Last 24 Hou | urs | <u> </u> | | | | | | | | | | | | | | | | | |
| Seatbelt Us | sed? | Shou | ılder Harnes | S Used? | | To | oxicology P | erforme | ed? No | | Second Pilot? | No | | | | | | | |
| Flight Pla | n/Itinerary | | | | | | | | | | | | | | | | | | |
| | ht Plan Filed: N | one | | | | | | | | | | | | | | | | | |
| Departure F | | | | | | 5 | tate | Airport Identifie | | r Dep | arture Time | Time Zone | | | | | | | |
| Same as | Accident/Incide | ent Location | | | | | | NON | E | 073 | 0 | MST | | | | | | | |
| Destination | | | | | | 5 | tate | Airpor | t Identifie | r | | | | | | | | | |
| Local Flig | ht | | | | | | | | | | | | | | | | | | |
| Type of Cle | earance: Unkno | wn | | | | | | | | | | | | | | | | | |
| Type of Air | space: Class | G | | | | | | | | | | | | | | | | | |
| Weather | Information | | | | | | | | | | | | | | | | | | |
| Source of I | Briefing: Unkno | own | | | | | | | | | | | | | | | | | |
| Method of | Briefing: Unkno | own | | | | | | | | | | | | | | | | | |
| | | | | FACTUAL | REPORT | - AVIAT | ION | FACTUAL REPORT - AVIATION Page 3 | | | | | | | | | | | |

NTSB ID: DEN03LA019

Occurrence Date: 11/30/2002

| | ETYBOR | Occurre | Occurrence Type: Accident | | | | | | | | | | | | |
|----------------------|----------------------------------|---------------|---------------------------|----------------|-----------|--|----------|---------------|-------------------------|----------------|----------|------|--|--|--|
| Weather | Information | | | | | | | | | | | | | | |
| WOF ID | Observation Time | Time Zone | WOF Eleva | istance Fro | om Acci | lent Site Direction From Accident Site | | | | | | | | | |
| | | | ====== | | | | | 0.111 | | | | | | | |
| MTJ | 0753 | MST | 5759 F | t. MSL | | | | 3 NM | | | 250 Deg. | мад. | | | |
| Sky/Lowes | st Cloud Condition: Clea | r | | | | Ft. AGL | | | Condition of Light: Day | | | | | | |
| Lowest Ce | iling: None | | F | t. AGL | Visib | ility: | 10 | SM | Altir | timeter: 30.32 | | "Hg | | | |
| Temperatu | ıre: -6 °C | -11 °C | Wind | Direction: | : 150 | | | Der | nsity Altitude: | 4253 | Ft. | | | | |
| Wind Spee | ed: 6 | Gusts: | | Weat | her Condt | ions at Ac | cident S | ite: Visual C | Condi | itions | | | | | |
| Visibility (F | RVR): Ft. | Visibility (R | VV) | SM | Intensit | y of Precip | itation: | | | | | | | | |
| Restriction | Restrictions to Visibility: None | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| Type of Pro | ecipitation: None | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| Accident Information | | | | | | | | | | | | | | | |
| Aircraft Da | mage: None | | Aircraft F | Aircraft Fire: | | | | | losio | n | | | | | |
| Classificati | ion: U.S. Registered/U | .S. Soil | | | | | | | | | | | | | |
| - Injury Su | mmary Matrix | Fatal Se | rious Mi | nor | None | None TOTAL | | | | | | | | | |
| First Pi | ilot | | | 1 | | | 1 | | | | | | | | |
| Second | d Pilot | | | | | | | | | | | | | | |
| Studen | nt Pilot | | | | | | 7 | | | | | | | | |
| Flight I | nstructor | | | | | | 7 | | | | | | | | |
| Check | Pilot | | | | | | 7 | | | | | | | | |
| Flight E | Engineer | | | | | | 7 | | | | | | | | |
| Cabin A | Attendants | | | | | | ┪ | | | | | | | | |
| Other C | Crew | | | | | | 7 | | | | | | | | |
| Passen | ngers | | 2 | | | | 2 | | | | | | | | |
| - TOTAL A | | | 2 | 1 | | | 3 | | | | | | | | |
| Other 0 | | | | - ' | | | Ĭ | | | | | | | | |
| | O TOTAL - | | 2 | 1 | | | 3 | | | | | | | | |
| | | | -1 | ., | | <u>I</u> | <u> </u> | | | | | | | | |
| | | | | | | | | | | | | | | | |

National Transportation Safety Board

FACTUAL REPORT AVIATION NTSB ID: DEN03LA019

Occurrence Date: 11/30/2002

Occurrence Type: Accident

| Α | S | lm | in | ist | rat | ίv | e l | Ini | fο | rn | n۶ | ati | O | n |
|---|----|----|----|-----|-----|----|----------|-----|---------|----|-----|-----|---|---|
| , | 10 | | | ıυι | ıuı | | U | | \cdot | | 110 | 461 | v | |

Investigator-In-Charge (IIC)

James F. Struhsaker

Additional Persons Participating in This Accident/Incident Investigation:

Bill J Hughes Aviation Safety Inspectorn - Operations Salt Lake City Flight Standards District Office 116 North 2400 West Salt Lake City, UT 84116